



United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025

42-003-00032

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January 13, 2014

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Ms. Gail Eddings
Allegheny County Health Department
Department of Air Quality
301 Thirty-Ninth Street
Pittsburgh, PA 15201

Subject: USS Reference Number: 14-0016
ACHD Reference Number: N/A
#2 Control Room
USS Clairton Works

Dear Gail Eddings,

The attached form confirms our verbal report of the subject incident and satisfies the requirements of paragraph IV.8 of the Title V operating permit #0052 as issued on March 27th 2012.

I certify that based on the information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete. Any questions concerning this matter should be referred to Coleen M. Davis at 412-233-1015.

Sincerely,

Thomas E. Schumacher
Plant Manager
Clairton Works

CC: James W. Hagedorn (USEPA)

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NOTICE OF OUTAGE OF EQUIPMENT
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 14-0016
ACHD Reference Number: N/A
2. Date & Time of Breakdown: Date: 01/12/14 Time: 1900 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: #2 Control Room
5. BAPC Permit Number (if applicable):
6. Location: Clairton, PA
7. Nature and cause of breakdown: A leak in the vacuum axi sub-discharge header resulted in a partial bypass of the #2 Control Room coke oven gas separation process. As a result, the 40 grain H₂S limit was exceeded.
8. Identification of Emissions:
 - A. Type(s) (CO, NOX, SO₂, Particulates, Hydrocarbons, etc.)
Elevated H₂S in the downriver gas line systems, causing increased SO₂ and VOC at point of combustion.
 - B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). SO₂ is and VOC could be an eye, nose, and throat irritant.
 - C. Amount of each type emitted (or likely to be emitted).
Moderate
9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).
The repairs are underway.
10. Facility back in operation - Date: Time: hours

Reviewed by Coleen M. Davis Date 1-15-14
Coleen M. Davis
Senior Environmental Control Engineer Phone: 412-233-1015